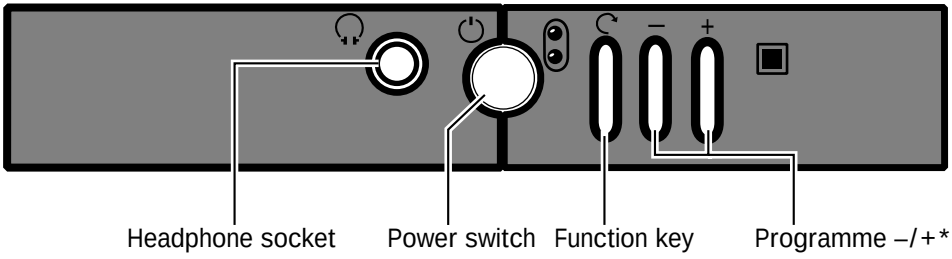
Colour Television

Operating instructions

233–27038.020

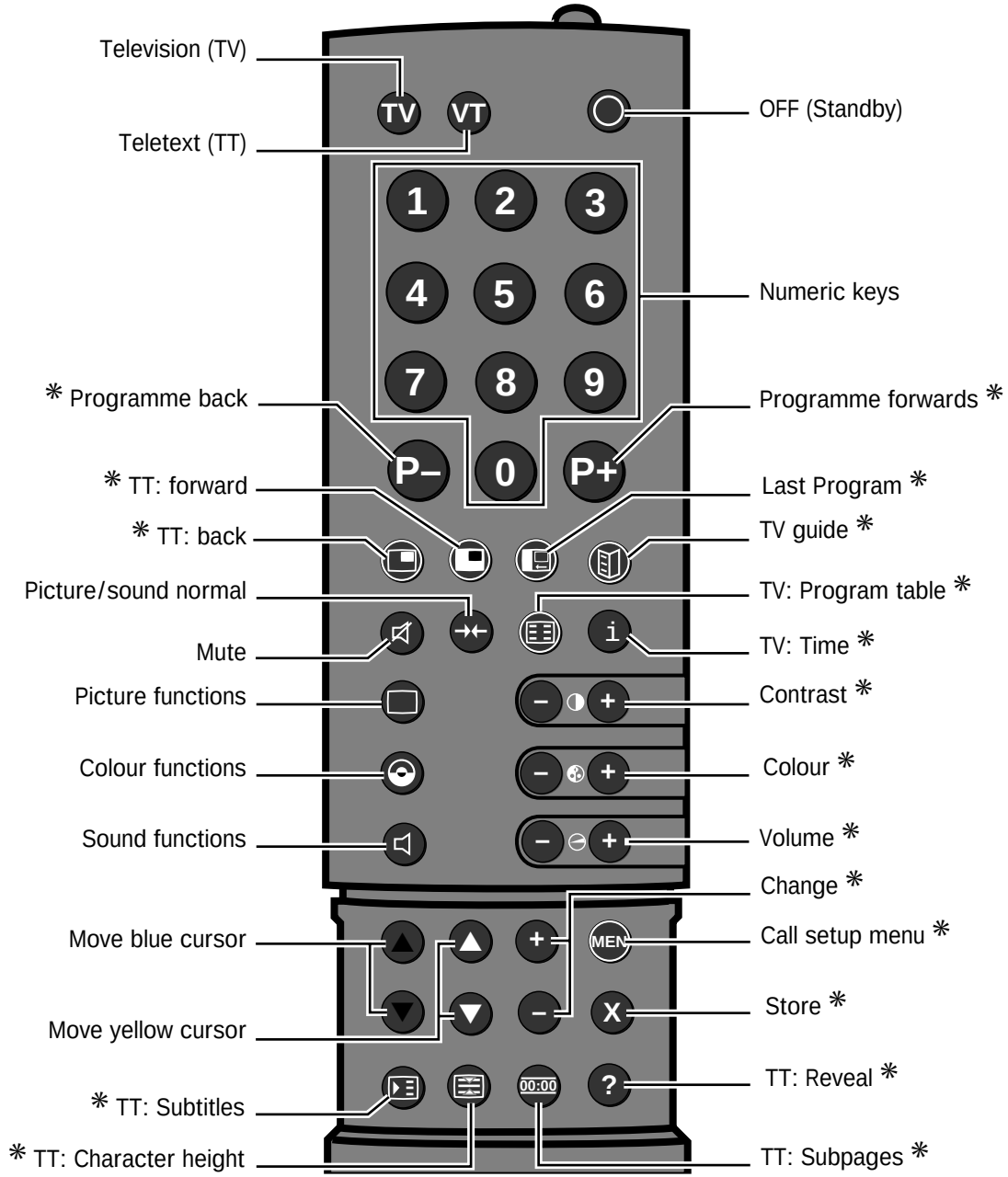
LOEWE.

Control panel



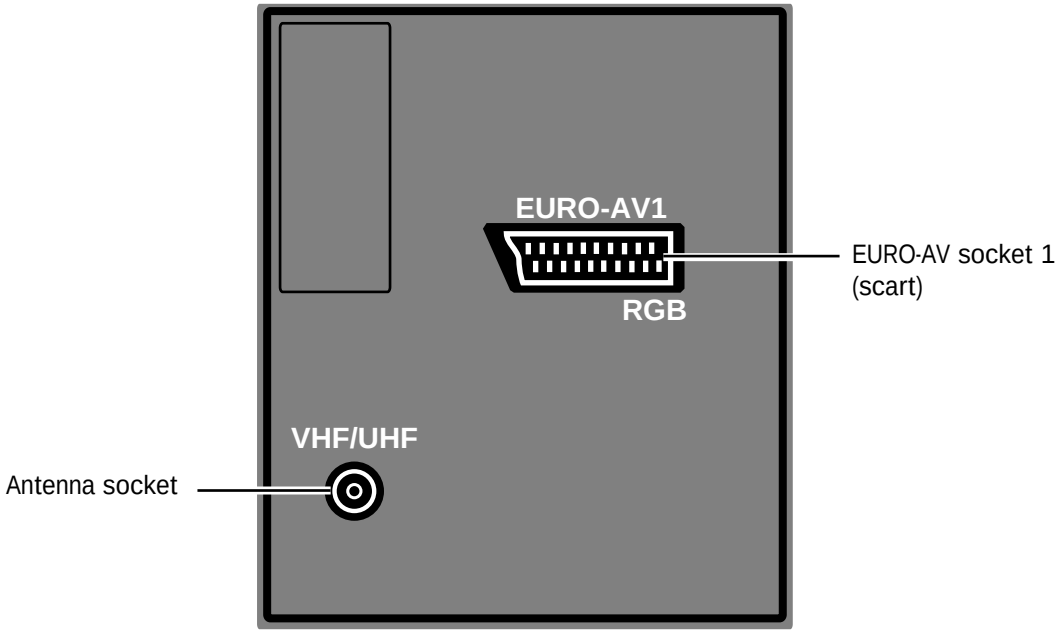
* These keys have additional functions. For further details, see the text section of these operating instructions.

Remote control unit



* These keys have additional functions. For further details, see the text section of these operating instructions.

Rear view



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Introduction

Thank you and congratulations. You have chosen a Loewe TV set which gives you the latest state-of-the-art in design and technology. It has some features which distinguish it as a TV of extraordinary quality.

Operating comfort

- All the TV's functions can be controlled comfortably and easily with the remote control.
- The well-contrived on-screen dialog display. The respective buttons of the remote control required for the next operating step are displayed on screen.
- Automatic station programming; all receivable TV stations are stored automatically and the order of programs sorted country-specifically. Even the program abbreviations of stations which broadcast teletext or VPS, e.g. ARD or ZDF, etc. are displayed. This automatic programming system also works for satellite programs.
- Teletext Plus enables immediate access to teletext pages. You can „page" through the teletext as quickly and easily as reading a newspaper. The teletext decoder decodes the TOP and FLOF teletext systems.

State-of-the-art technology

- The power consumption on standby is below 5 W.
- The latest picture tube technology for a brilliant, high-contrast picture.
- 8-bit digital technique for signal processing: guarantee for consistently excellent picture quality.
- 8 MHz Hyperband Tuner for TV broadcasts in PAL norm.
- Multistandard, i.e. all important TV norms are receivable.
- AVC (Automatic Volume Control), an automatic volume correction when switching from station to station.
- Sound amplifier output stages with an output of 2 x 10 Watts.
- An audio-video connection socket (EURO AV) for connecting video recorders (VHS, SVHS or 8 mm video, Hi8) or Photo CD equipment.
- TV with NICAM sound decoder.

Accessories

A wide range of Loewe video recorders, whereby it is possible to operate the TV and the recorder with a single remote control.

The TV equipment is displayed on the screen when you call „Information" (see page 11).

Notes on these operating instructions

Do not just throw these instructions aside. Even if you are long familiar with the operation of a TV set: this set will show you a few things you have never seen.

The foldout pages at the beginning show you the remote control, the local operating panel on the set and the connections on the back of the TV. Leave these pages folded out when you are „studying" the instructions.

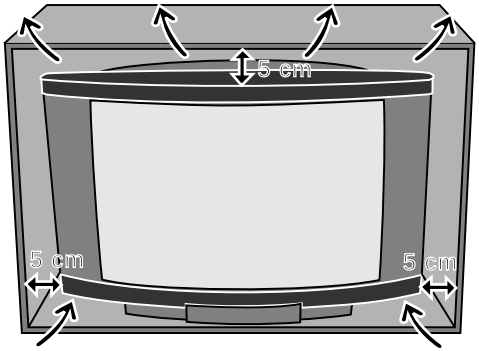
The outside sheet can be separated easily. Keep these brief instructions near to your remote control.

The operating instructions have been printed in three columns. The left-hand column is for the reader in a hurry, e.g. if you are already vaguely familiar with the set. The centre column describes the necessary operating steps in detail. The right-hand column provides additional information on the respective topic.

The operating instructions should help you to get to know all your TV's functions.

We wish you a lot of fun and good viewing with your Loewe.

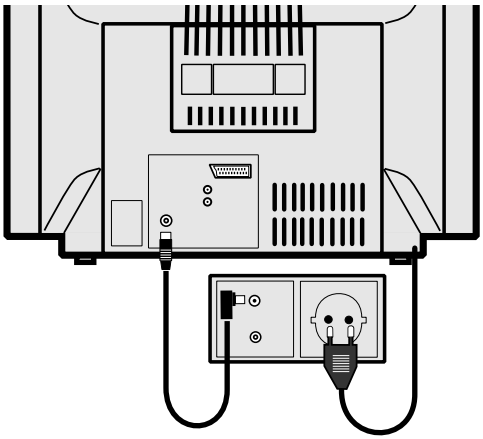
Positioning and Connecting the Set



Positioning

Position your set so that no bright light or sunlight falls directly onto the screen. Otherwise the brilliance of the picture will be affected by reflections.

The air vents on the back of the set must be kept clear at all times to allow the set to cool. Leave enough room at the back if you stand your set on a shelf or in a cabinet.



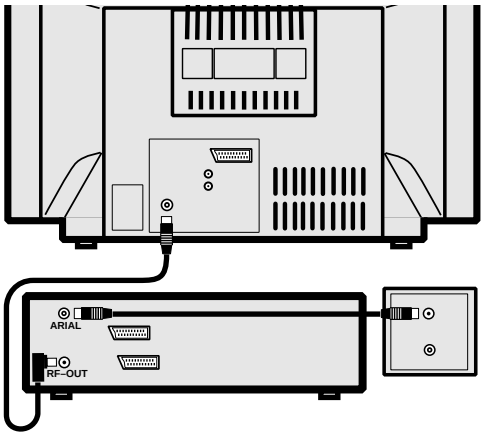
Connecting

To the mains

Plug the TV's mains plug into a socket. The set will operate on 195 to 260 volts AC, 50 or 60 hertz.

To the antenna

Connect your set to the antenna as shown opposite with a coaxial antenna cable (75 ohms).



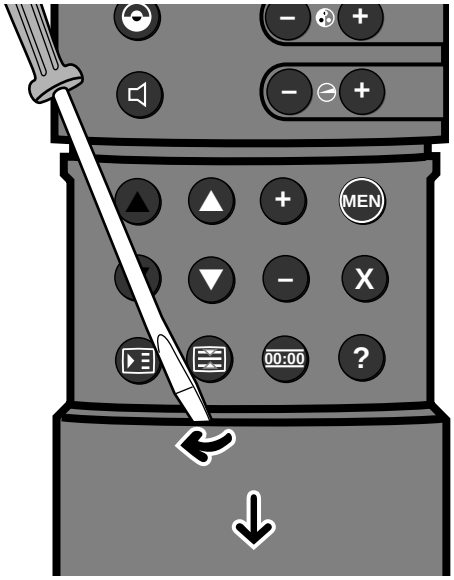
Connecting a video recorder

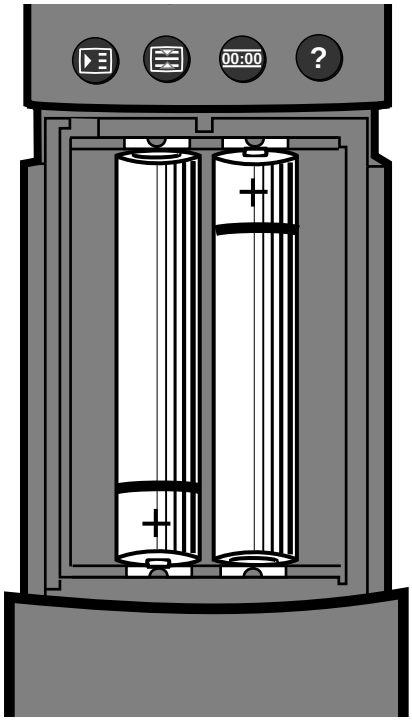
Connect the coaxial antenna cable to the antenna socket (aerial) of the recorder. Connect the output of the video recorder (RF-Out) to the TV's antenna input (VHF/UHF) with a second antenna cable.

Safety Instructions

- If the set is moved from a cool environment to a warm room, do not switch it on until it has been given reasonable time (about 1 hour) to warm up.
- The set is designed for the home and office and may not be used in rooms with a high humidity or concentration of dust.
- Make sure the set stands firmly when placed on a shelf, a table or in a cabinet.
- Position the set so that it is not exposed to direct sunlight and additional heat from radiators.
- The slits in the rear panel are for cooling of the set and should never be covered up with mats or curtains.
- Make sure no metal parts, pins, paper clips, liquids or wax are dropped or spilt through the ventilation slits in the back of the set. If this should happen, switch off the the set immediately with the On/Off switch and pull out the mains plug.
- Never remove the rear panel from the set. Only have the set repaired by the service technician.
- In case of imminent thunderstorms, pull out the mains plug and the antenna plug from the socket to protect your set.

Remote Control – inserting the batteries





Remote control functions

All operating functions and basic adjustments can be controlled with the remote control.

The remote control transmits your commands to the TV set by means of infrared light; always point the remote control towards the TV set for operation.

Inserting the batteries

Slide back the cover as far as it will go. Take a screwdriver or ballpoint pen; push the screwdriver blade or tip of the ballpoint pen into the small opening directly behind the button. Lift the cover a little way past the detent position. The cover can now be removed completely.

Insert the two or three batteries the right way round, the correct polarity is embossed on the floor of the battery compartment, replace the cover and slide it back until the battery compartment is closed.

The batteries will last more than 1 year. Check the batteries for leakage after 1 year and change used batteries in good time. This will avoid the contact springs being destroyed.

Use only microcells of the IEC LR 03 alkali-manganese type.

Note on battery disposal

The original batteries do not contain any pollutants such as cadmium, lead and mercury.
Used batteries do not belong in the domestic waste. They must be taken to the appropriate collection points according to the national laws. Ask your dealer.

General information on your TV set

The dialog between you and your TV set takes place on screen with an operator menu. The buttons on the remote control required for the operating steps are also displayed.

First choose „your language“. All on-screen displays then appear in this language.

Operating for the first time – switching on/setting the dialog language

Please note!

This chapter deals only with the operating procedures necessary for first time operation. If your dealer has already taken care of searching and storing the TV stations for you, the menu described below no longer appears!
If you want to search for and store TV stations, e.g. if you move house, consult the chapter “Automatic programming“ which begins on page 12.

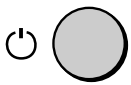
Operating for the first time

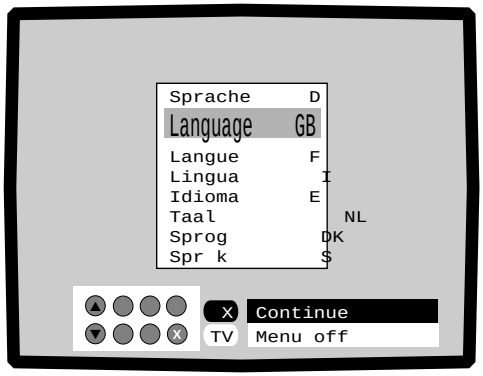
We want to make the station search and storing as easy as possible for you. A language list appears automatically the first time you switch on the set. From this you can

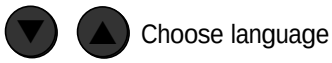
1. Select the „dialog language“ for further operation of the set.
2. Select a country and thus determine the program order for automatic station search and store.

Switching on the TV set:

Press the on/off button






Choose language

Continue

Switching on the TV set

Press the on/off button on the TV set, marked ⏻, gently as far as it will go. The green On lamp lights up on the local control panel.

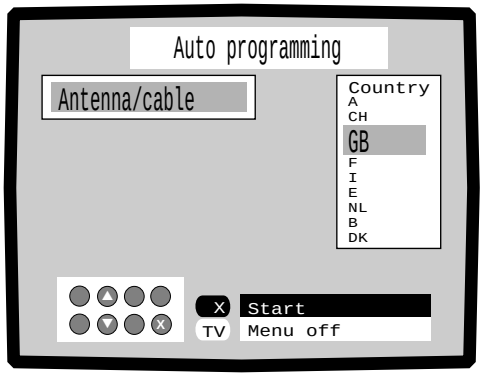
Choosing the language

You have two choices:

1. You can accept the „Language“ marked in blue, press the (X) button to „Continue“.
2. Select another language with the blue buttons (▼) (▲) on the remote contro and then press the (X) button for "Continue".

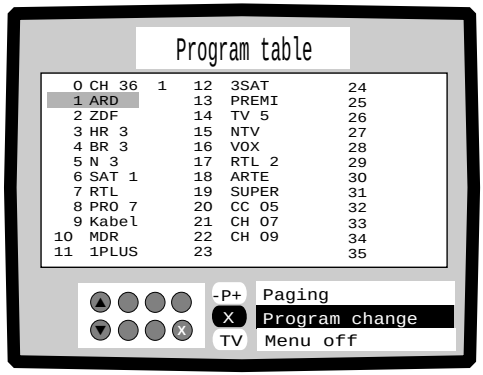
Operating for the first time – choosing the country/norm/automatic programming

Choosing the country:



Choose country

Start auto-programming



Select program

to the TV program

Choosing the country/norm

Mark the country in which you live and want to receive TV stations.

Choose the „Country“ with the yellow buttons ▽ △ .

When the country is selected, the TV norm common in this country is set automatically (for GB = PAL-I, for D = PAL-BG etc.) and the TV programs are sorted according to the country.

For Great Britain, for example, the BBC1 program is stored on program slot 01, BBC2 on program slot 02, a regional program on slot 03 and so on.

TV stations broadcast their programs in different frequency ranges and on different channels. For example in the VHF/UHF range (terrestrial) and for cable TV systems also in the special channel range (cable channels).

Starting automatic programming

This function is only carried out <u>once</u>!

All receivable stations in the selected receiving range are searched for, stored and sorted after pressing the X button. Then a program table appears which shows you the assignment of the program slots. You can choose a TV program from the program table immediately with the blue buttons ▽ △ and watch it by pressing the X button.

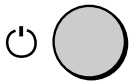
If stations with teletext or VPS identification are found, an abbreviation for the program name is stored as well.

<u>Note</u>:
If you discover that stations have been stored more than once or with a poor quality picture, you can delete these stations from the program memories. See the chapter „Deleting programs“ on page 18.

If you want to store the TV programs in a different order, see the chapter „Sorting programs“ on page 17.

Switching on/off – changing the dialog language

Press the on/off button on the set:



Switching off, to standby:

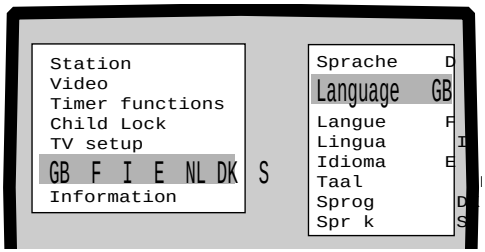
remote control

Switching on „TV“:

0 to 9 or TV

Menu/dialog language

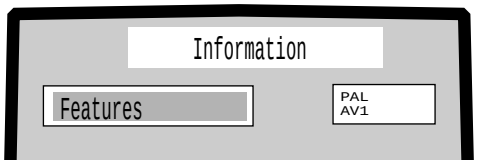
MEN Press briefly Mark language selection



Choose language TV End

Display equipment:

Mark „Information“ MEN press briefly



Switching on the TV set

Press the on/off button ⏻ on the TV set gently as far as it will go. The green On lamp lights up on the local control panel.

You can normally leave the on/off button pressed.

Switching off

You can switch off the „TV“ with the „Off“ button ◎ on the remote control. The set is then on standby and the red standby lamp is alight.

The set consumes only 5 Watt of power in standby mode.

To turn on the „TV“, press one of the buttons 0 to 9 on the remote control if you want to watch a certain program. Press TV if you want to switch on the program you were watching last.

Switch off the set at the on/off button if you are not going to be using it for a long time. The set is then disconnected from the mains.

We recommend you to pull out the mains plug and the antenna plug during thunderstorms.

Menu/dialog language

You can call the menu by pressing the MEN button.

The menu can be displayed on the screen in German, English, French, Italian, Spanish, Dutch or Danish.

Changing the dialog language

Choose the line „D GB F I E NL DK“ with the blue button ▲.

Set „your language“ with the yellow buttons ▽ △. The dialog language is now stored.

Exit the menu by pressing the TV button.

Display equipment features

Select „Information“ with the ▼ ▲ buttons and press MEN. The equipment features of your TV are displayed.

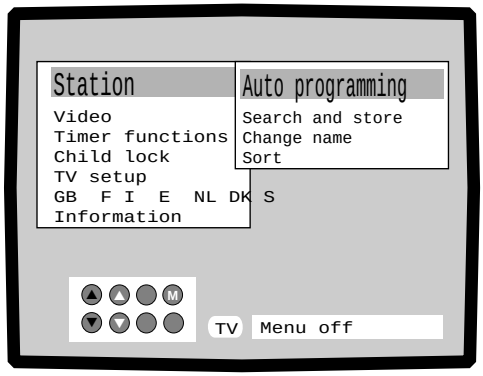
Automatic programming – choosing the country and reception range

Calling the „Station“ menu:

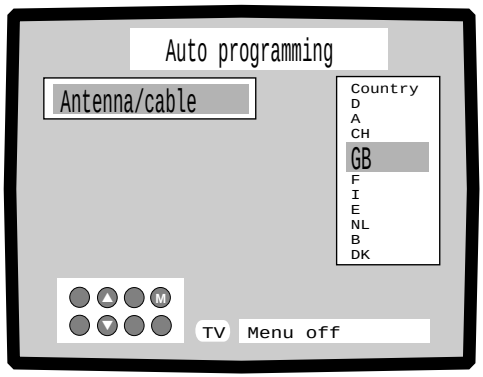
MEN Press briefly

Set „Station“

Set „Auto-programming“



MEN



Choose country

„Station“ menu

The „Station“ menu contains two possibilities for station search and storage.

1. „Auto-programming“; with this function, stations can be searched for and stored automatically in a preselected receiving range, e.g. Antenna/cable = VHF/UHF and special channel range. The TV norm is also set on choosing a „Country“.
   Even the station abbreviations are stored for stations with teletext or VPS identification.
   Use the „Auto-programming“ function when you move house if TV stations are received on other channels or the range of programs offered by a cable TV system has been extended.
2. Station „Search and store“: This menu enables you to set different TV norms, choose the TV reception range, enter the station channels directly, change program names, allocate the AV sockets to certain programs and set the video recorder „station“ (channel 36...37).

Calling the „Station“ menu

A

Press the MEN button on the remote control.
The „Station“ line must be marked in blue and the „Auto-programming“ line in yellow, mark these if necessary with the buttons ▼, ▲, ▽ and △.

B

Call „Auto-programming“ with the MEN button.

C

Select the country code for the country in which you live and want to receive TV stations. Stations with the country's common TV norm are then sought and stored in the appropriate order in the automatic station search.
Select the country code with the yellow button ▽ or △.

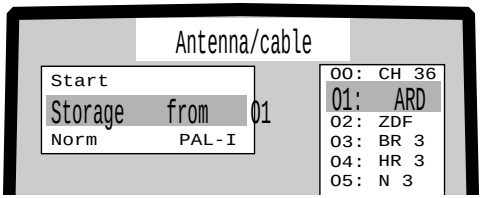
„Antenna/cable“ corresponds to the TV range VHF, UHF and special channel rqange for cable systems.

TV stations broadcast TV programs with different TV norms depending on the country. On choosing a country, stations with the following norm are searched for:

Country	Norm
GB	PAL-I
D	PAL-BG
A	PAL-BG
CH	PAL-BG
I	PAL-BG
E	PAL-BG
NL	PAL-BG
B	PAL-BG
DK	PAL-BG
F	SECAM-L
USA	NTSC

Automatic programming – storage from/start programming

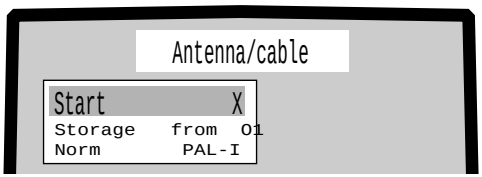
MEN Press



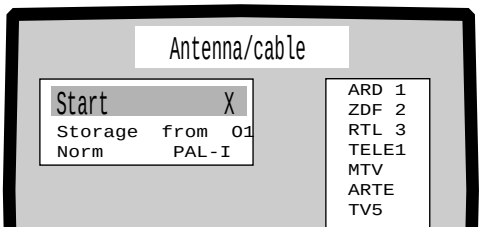
Enter „Store from“:

1 to 9 or ▽ △

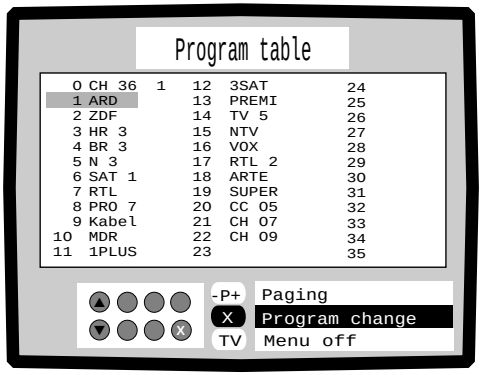
△ Select „Start“



X Start „Auto-programming“



Stations are searched for and stored



D

Continue by pressing the MEN button.
The „Storage from“ line is marked in blue.

E

Enter here from which program place onwards the stations are to be stored.
Enter a number with the numeric buttons on the remote control or select a program number from the table next to it with the yellow buttons ▽ △ . Page through the table with the P+ P– buttons.

F

Start Auto-programming

Only carry out this step when you are sure you do not want to change the TV norm. If you want to set a different TV norm, carry out step G on page 14 first. Then start the automatic programming. Set to „Start“ with the blue button △ .
Press the X button to start.
All the receivable stations are stored. For stations which broadcast teletext or VPS, the program name is also stored. At the end of the automatic programming, the stored stations are sorted automatically according to the selected country.

Then the program table with all the found and stored TV stations and the assigned program place numbers is displayed.

If the program place assignment is to your satisfaction, the automatic programming is ended.
You can clear the program table by pressing TV or ▤ .

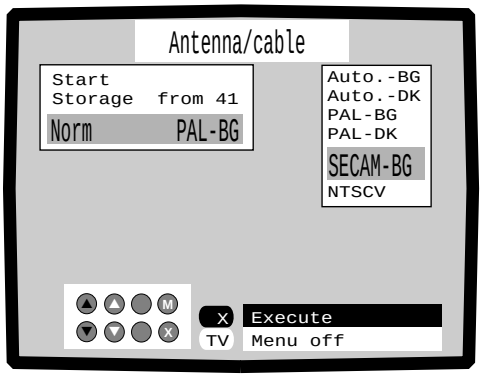
Notes:
If stations have already been stored after the entered number, these will be cleared and replaced by new ones in the automatic programming.

The automatic station search takes place over the whole TV range VHF/UHF channel CH 01 to 12 and CH 21 to 69 and in the special channel range CC 01 to CC 47.

If no program name can be assigned to a station, the channel number is displayed and stored. For example, a station in the VHF range on channel 7 is represented by CH 07 and a station in the special channel range on channel 12 by CC 12.
See page 15 to find out how to program the correct program name.

You can then call TV programs with the numerical buttons, the P+ P– buttons or mark the program in the program table with ▽ △ and call it with X .

Select „Norm“



Select Norm

Enter norm

Mark „Start“ Start

G

Selecting the TV norm

If you want to search for stations with different norms, mark the line „Norm“ with the blue buttons ▼ ▲. A list of available TV norms will appear on the right. If you choose the „Auto.-BG“ norm, all stations with the BG norm, e.g. PAL-BG, SECAM-BG etc., will be searched for automatically. However, if you set PAL-I, only stations with this norm will be searched for. You can turn to the second page of the norms list with the P+ or P– button.
Select a TV norm with the yellow buttons ▽ △ .
Press the X button to execute.
Then mark the „Start“ line with the blue button ▼.
Start „Auto-programming“ with the X button. The program table is then displayed on screen.

TV norms

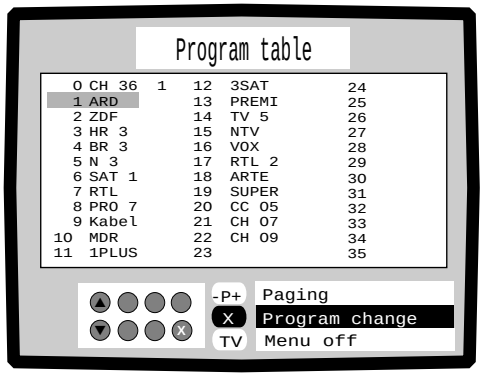
The TV norm is set when a country is selected. Set the appropriate norm if you want to search for TV stations from other countries.

Norm	Country
Auto.-I	all norms with the suffix I
Auto.-BG	all norms with the suffix BG
Auto.-DK	all norms with the suffix DK
Auto.-L	all norms with the suffix L
PAL-BG	D, DK, S, NL, A, I, E, P, N, B etc.
PAL-I	Great Britain, Northern Ireland
PAL-L	Special norm for camcorders in France
PAL-DK	China
PAL--M	Brasil
PAL-N	Argentine
NTSC	USA, Japan
SECAM-BG	Greece, Lebanon, Tunisia
SECAM-DK	Poland, CR, SR, Hungary, Russia
NTSCV	Special norm for NTSC video recorders and for PAL video recorders which can play cassettes recorded with NTSC/PAL 60 Hz) e.g. Loewe OC 985.

Program table - Changing program names

Calling the program table:

Press



Select The Program

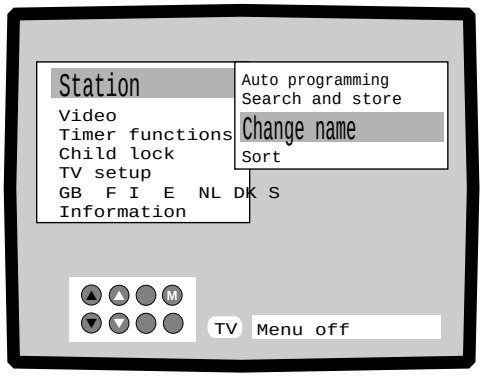
Switch to TV program

Calling the menu:

MEN Press

Set „Station“

Set „Auto-programming“



MEN Press

The program table gives you an at-a-glance view of the stored stations.
The program number is displayed on the left and the program name on the right. If a program name is displayed in red, this means the program is locked (parental lock active).

Calling the program table

A

Press the button on the remote control. Page through the program table with the P+ P– buttons up to 99.

B

You can choose a TV program directly from this table with the number buttons on the remote control, the program table then disappears immediately;
or select with the blue buttons ▼ ▲ .

C

Press the X button to switch to the desired TV program.

Additional information after a program name or the program number, e.g. the number 1or 1! an indicates an audio/video function. Read the Audio/Video chapter for more details, page 41.

Changing the program name

With the „Change name“ menu, you can enter a program name or select a station name from a table. This is useful, for example, in the case of stored stations without station names. Such stations are entered in the program table with CH, CC and the channel number for example.

Calling the „Change name“ menu

A

Press the MEN button briefly.
The „Station“ line must be marked in blue. Mark it with the ▼ button if necessary.

B

Select the „Change name“ line with the yellow button ▽ .

C

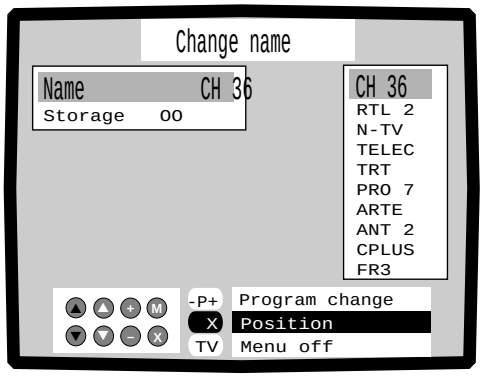
Press the MEN button.
The name of the currently set TV program is displayed on the left.

On the right you will see a table listing familiar program names of stations which do not broadcast teletext or VPS identification. Only the first program name is the name of the currently set TV program. You can select a program name from this table and transfer it to a program slot at which a station has been stored without a name.

Changing the program name

Selecting a program slot:

P+ or P–



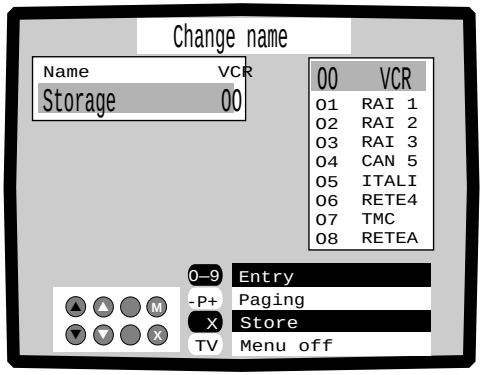
Entering the program name:

+ or – Call letter, number or symbol

X second position

+ or – second letter and so on

▼ Mark „Store“ line in blue



X Press to store

TV Exit menu

D

Select the program slot at which you want to enter or change a name, e.g. program slot 00, with the P+ or P– button.
You can enter the name VCR for video recorder at program slot 00 or 000 instead of CH36 for example.

E

The letters A to Z, numbers 0 to 9 and symbols +, -, . or blank can be used.
Press the + or – button until the „V“ appears.

F

Call the next position with the X button.

G

Select the next letter, e.g. the „C“, with the + or – button.
Repeat steps F and G accordingly for further positions.
In this way you can enter a program abbreviation with up to 5 positions. When the abbreviation, e.g. VCR, has been entered completely, store the "Name".

H

Press the MEN button or mark the „Store“ line with the blue button ▼.

J

Store the program name, press the X button.

If you do not want to change or enter any other names, exit the menu by pressing the TV button.

Allocating a program name

If you find a station without a name when paging through with the P+ P– buttons, find out which station this is, e.g. with a TV guide or a logo displayed on screen.

1. Select a suitable name from the table with the yellow button ▽ or △. The program name is entered immediately under „Name“.
2. Select the „Store“ line with the blue button ▼. The currently set program number flashes. You can now store the program name at this program slot or choose another program slot with the number buttons.
3. Store the program name, press the X button.
4. You can exit the menu by pressing the TV button.

Sorting programs – moving

Sorting programs

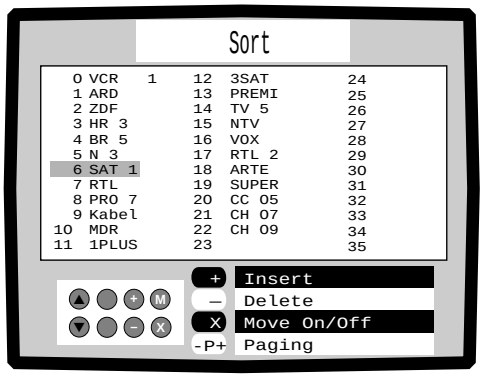
Call the menu

MEN Press

Select the „Station“ line

Select the „Sort“ line

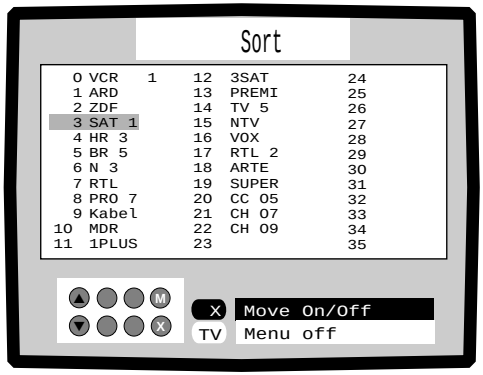
MEN Press



Mark the program name

X Press , program name flashes

or Move name to desired program slot



X Press, move ended

Changing the program assignment

The „Sort“ menu enables you to sort stored programs or delete programs as you wish. You can also insert programs, the program name is deleted. You can store other stations at these program slots without changing the order of programs.

A

Call the menu, press the MEN button. The „Station“ line must be marked in blue, mark it with the blue ▼ button if necessary.

B

Mark the „Sort“ line with the yellow ▽ button.

C

Call the „Sort“ table, press the MEN button.

D

Select the program name which is to be moved, e.g. SAT 1, with the blue button ▼ or ▲ .

E

Press the X button, the program name flashes.

F

Move the program name to the desired program slot with the blue buttons ▼ , ▲ .

G

Press the X button. The program data including the program names are moved. If you want to resort other programs, repeat steps D to G.

You can move every program to any program slot.

Program slot 0 should not be assigned to a TV program.
This program slot is reserved for video recorder playback (short time constant) and is pre-programmed with channel 36.

If you move a program name to another program slot, all the appropriate program data are moved with it.

Sorting programs - deleting and inserting

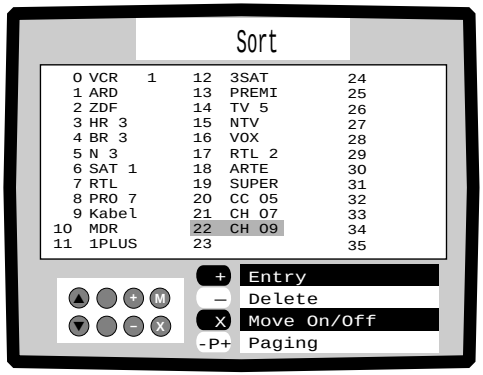
Deleting the program name :

Call the „Sort“ menu

MEN Press; the „Station“ line must be marked in blue

▼ Mark the „Sort“ line in yellow

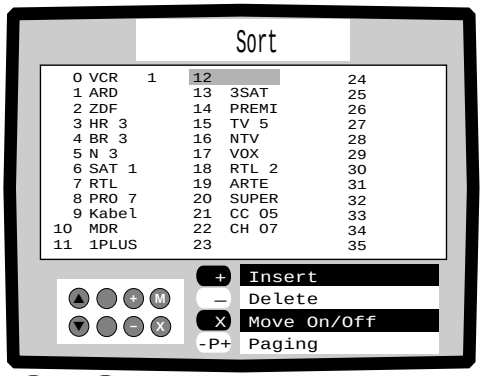
MEN Press



▼ ▲ Select the name to be deleted

– Delete the program name

Inserting a free program slot:



▼ ▲ Select program slot

\+ Insert ⇨ TV End

Deleting program names and program data

A

Call the „Sort“ menu, press the MEN button. The „Station“ line must be marked in blue, mark it if necessary.

B

Mark the „Sort“ line with the yellow ▽ button.

C

Press the MEN button briefly. A program table is displayed on screen.

D

<u>Delete the program name:</u>

Select the program name to be deleted with the blue buttons ▼ , ▲ .

When a program name is deleted, the other names are shifted one place forward.

E

Press the – button briefly; the name with the program data disappears.

Inserting a free program slot

This function enables you to insert programs later. A program memory is only displayed with the program number in the program table. New station data can be stored in this program memory.

A

Select a program slot for insertion in the „Sort“ menu with the blue buttons ▼ , ▲ , e.g. program slot 12.

B

Insert program slot, press the + button. All the following program names are moved one place to the next free program slot.

<u>Note:</u> If data are stored in the last program place (99) and you press the + button to insert, the message „Last program is lost“ appears. Then press the + button again to insert a program.

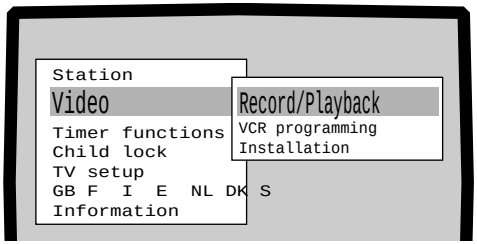
C

Exit the menu by pressing th TV button.

Searching for and storing station

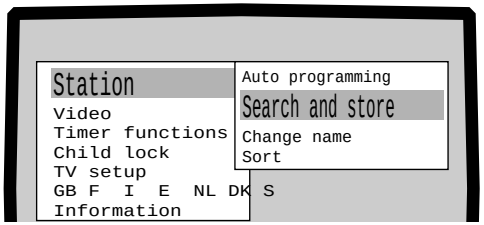
Calling the the „Station - search and store“ menu:

MEN Press briefly

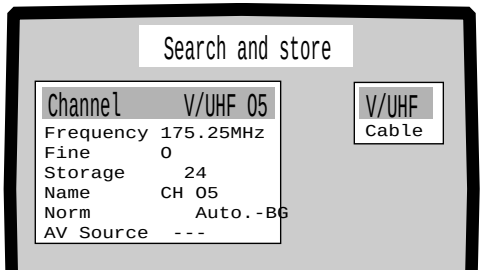


Select line „Station“

Select line „Search and store“



MEN Press



Select the frequency range

0 8 Enter channel directly, e.g. 08 for channel 8

The „Station - search and store“ menu enables you to store further stations later in addition to those already stored. The following functions can be executed:

1. Select the TV frequency range.
2. Enter the channel number for a station directly.
3. Assign an AV source to the program slot (see also page 40).
4. Carry out station fine tuning if reception conditions are difficult.
5. Set the TV norm.
6. Enter or select a program name.

Calling the „Station - search and store“ menu

A

Press the MEN button. The „Station“ line must be marked, mark it if necessary.

B

Select the „Search and store“ line with the yellow ▽ button.

C

Press the MEN button.

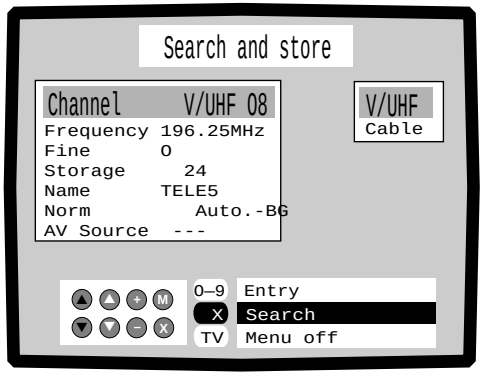
Selecting the reception range

The ranges „VHF/UHF“, the special channel range „S-chan“ for cable TV systems are available for selection. Select the frequency range with the yellow buttons ▽ △.

Entering the station channel directly

If you are familiar with the local channel numbers of the TV stations, you can enter the channel number directly with the number buttons.
If the „Channel“ line is marked in blue, the channel number can be entered. Channel number are entered in two digits, e.g. 08 for channel 8.

Note
Before you enter a channel number or search for a station, the preset TV norm „Norm Auto.-BG“ may have to be changed. See the chapter TV norms on page 20. Also consult the table „Channels and norms of some countries“ at the end of these operating instructions.



Searching for stations manually:
Switch from channel to channel

(+) up (–) down

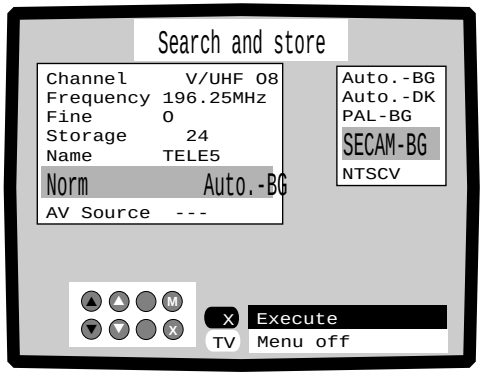
Starting station search:

(X) Press briefly

Setting the TV norm:

(▼) Mark the „Norm“ line

(▼) (▲) Select norm



(X) Execute norm

Searching for the station channel manually

You can search for stations in the previously selected frequency range by pressing the (+) or (–) button briefly and thus switching from channel to channel.

Station search

Start the station search by pressing the (X) button briefly.
The channel numbers change. The search stops when a station has been found. If the picture and sound are not perfect or you want another station, restart the search.

Setting the TV norm

If you want to receive TV stations from other countries, you may have to set the correct TV norm before you can set the channel number or start the station search.

1. Mark the „Norm“ line with the blue button (▼).
2. Select the appropriate TV norm with the yellow buttons (▽) (△). Other norms are displayed when you press the (P+) or (P–) button.
3. Enter the selected norm, press the (X) button.
   Now you can set a station channel or search for a station as described above.
4. Press the (MEN) button, the „Store“ line is selected automatically. Press the (X) button if the program number is OK.

Note:
The exact station frequencies for every channel are stored in this set and are kept exactly when entering a channel number or during station search. It is only necessary to fine tune the picture and sound quality under unfavourable reception conditions, e.g. non-standard converters of shared antenna systems or in the video recorder transmitter. See the chapter „Fine station tuning“.

Norm	Country
Auto.-I	all norms with the suffix I
Auto.-BG	all norms with the suffix BG
Auto.-DK	all norms with the suffix DK
Auto.-L	all norms with the suffix L
PAL-BG	D, DK, S, NL, A, I, E, P, N, B etc.
PAL-I	Great Britain, Northern Ireland
PAL-L	Special norm for camcorders in France
PAL-DK	China
PAL--M	Brasil
PAL-N	Argentine
NTSC	USA, Japan
SECAM-BG	Greece, Lebanon, Tunisia
SECAM-DK	Poland, CR, SR, Hungary, Russia
NTSCV	Special norm for NTSC video recorders and for PAL video recorders which can play cassettes recorded with NTSC/PAL 60 Hz) e.g. Loewe OC 985.

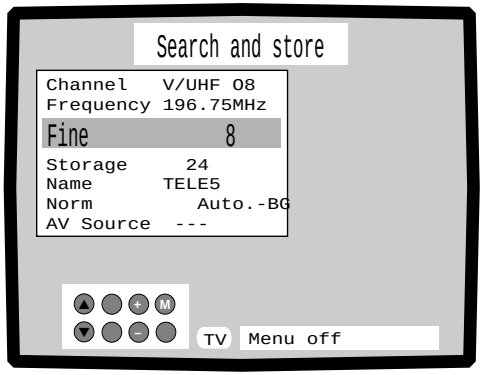
Ask your dealer which norm needs to be set for specific stations or video recorders.

As described here, you can store all the following entries in this chapter. In all cases you can enter another program number first if you want to store at a different program slot to the one called.

Station search and store

Calling the „Fine tuning“ menu:

▼ Select the „Fine“ line



Fine tuning of the station:

+ picture sharper – picture unsharp

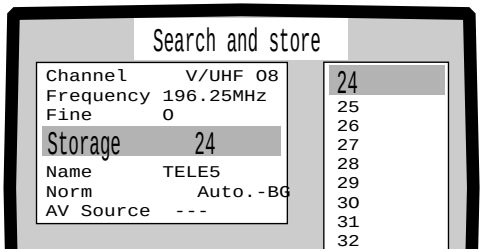
Program name:

▲ Select „Name“ line

▼ ▲ Select program name

Selecting the memory slot:

▲ Select „Storage“ line



▼ Select memory slot or enter with the number buttons

X Store

TV End

Fine tuning of the station

The TV sets itself automatically to the best picture quality (AFC). In the unlikely event that the picture needs to be adjusted, e.g. for the video recorder station, you can change the station adjustment with the fine tuning.

Select the „Fine“ line with the ▲ or ▼ button.
Tune to an „oversharp picture“ with the button + and to an „unsharp picture“ with the – button. Pay attention to the channel number when tuning, the fine tuning may overlap the channels.

You can fine tune a stored station later. First select the program slot. Then call the „Station search and store“ menu. Select the „Fine“ line and set the optimum picture. The AFC is switched off by changing the fine tuning!

Program name

If no name is entered under „Name“ for the set station, you can enter a name or choose one from the name list.

Select the „Name“ line with the ▲ or ▼ button.
Carry out steps E, F and G described on page 60 or select a name from the name list.

Selecting the program slot

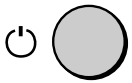
Any program slot can be selected. It is, however, advisable to select a free program slot, i.e. one with no program name or channel number.

1. Select the „Storage“ line with the button MEN or the blue buttons ▲ ▼ .
2. Enter the memory slot in three digits with the numerical buttons (04 = program 4) or select the program slot with the yellow buttons ▽ △ .
3. Press the X button to store. All the set program data are now stored in this program memory. Exit the menu by pressing the TV button.

Audi/Video source

Using the „Search and store“ menu, it is also possible to select a socket and assign a program slot for audio/video equipment. This function is described in detail in the chapter „Connecting other equipment“ on page 40.

Switching on the set:



Switching on with the remote control:

TV or 0 to 9

Switching off with the remote control:

Selecting TV programs:

With the remote control
A 1-digit program

0 to 9 Press (about 2 Sec.)

Two-digit program, e.g. 25

2 and 5

With the program buttons

P+ forewards P– backwards

Select last viewed program:

... and back

Selecting the TV program on the set:

switch program forwards

switch program backwards

This part of the operating instructions deals essentially with the program selection, adjustment of contrast, brightness, colour, sound functions and useful additional functions.

Switching on, switching off

If the red standby lamp on the set is alight, switch on the set with the TV button on the remote control. The program you were watching last then appears. You can also switch the set on with the number buttons 0 ... 9 , this selects a one-digit program directly.

Note:
If neither the red nor the green lamp is alight on the set, the set has been switched off with the on/off button. To switch the set on, press this switch ⏻ gently as far as it will go.

If both lamps are alight, the set is on „Timer recording“ for video recording.

Switching off to standby

Press the ◯ button on the remote control.

Selecting a TV program

With the remote control:

1. A one-digit program by prolonged pressing (about 2 seconds) of one of the number buttons 0 to 9 . A two-digit program by pressing the two numbers one after the other.
2. Program selection with the program buttons P+ "forwards" and P– "backwards".
3. The button with the yellow circle allows you to switch directly from the current program to a preset program.
4. Call the program table, press the button briefly. Select a program in the program table with the blue button ▼ or ▲ and then press the X button. The desired program appears on the screen.

Inserted program slots can be selected with the P+ , P– buttons.

Selecting the TV program on the set:
Switch from program to program, forwards with + , backwards with – .

Adjusting the contrast:

with the remote control

On the local contol panel:

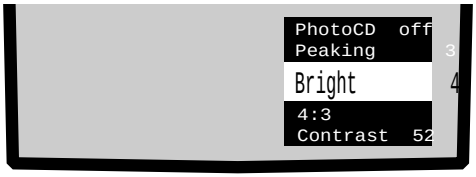
Press function button twice

Set greater contrast

Reduce contrast

Adjusting brightness:

Press several times



Adjusting brightness

Adjusting the picture sharpness:

Press several times

Adjust picture sharpness, from 0 ... 5

Photo CD

Press several times

Switch Photo CD off/on

Adjusting the picture

You may want to adjust the contrast, brightness or intensity of colour occasionally depending on the light conditions in the room. The remote control can be used for making all these adjustments. Only the volume, contrast and intensity of colour can be adjusted on the set's local control panel.

Adjusting the contrast

Adjust contrast: Press Contrast buttons (−)(◑)(+) .

Increase contrast: Press the (◑)(+) button

Reduce contrast: Press the (−)(◑) button

Adjusting the contrast on the set:

Press the function button twice. <Contrast> appears on the screen, the contrast can be adjusted with the (+) or (−) button as long as <Contrast> is visible on the screen.

Brightness

Press the Picture functions button briefly. The picture functions are displayed on the screen for about 10 seconds.

During this time, press the Picture functions button until <Bright> is marked in white. Adjust the brightness with the buttons (−)(◑)(+) .

Picture sharpness

Press the Picture functions button until <Peaking> is marked. The picture sharpness can be adjusted slightly with the buttons (−)(◑)(+) Value 5 is the highest picture sharpness.

Photo CD

If a Photo CD is connected and set (see page 85), the <PhotoCD On> function is set automatically when playing back. This improves the playback quality. Switch off: Press the Picture functions button until <PhotoCD On> is marked. Switch off with one of the buttons (−)(◑)(+) .

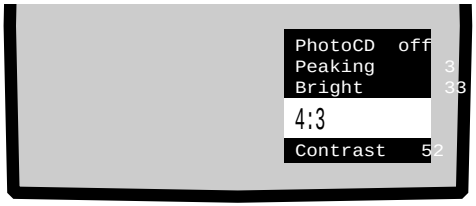
The value for the contrast adjustment depends on the brightness of the room. Rule of thumb: The brighter the environment, the higher the contrast must be set.

A numeric value is displayed as a guide when adjusting the contrast or brightness and so on.

Daily operation of the set – picture format 4:3, 16:9, adjusting the colour

Picture format 4:3 or 16:9:

Press several times until a picture format is displayed



Switch the picture format

Adjusting the colour:

with the remote control

On the set's local control panel:

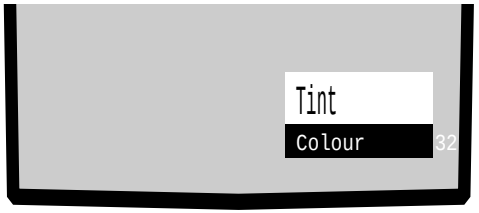
Press function key three times

Colour stronger

Colour weaker

Adjusting the tint (for NTSCV norm only):

Press until <Tint> is marked in white



Adjust tint

Picture format 4:3 or 16:9

The picture format of this TV set is 4:3. At the moment most TV productions are broadcast in this picture format. You therefore normally set 4:3 so that the picture is displayed over the whole screen.
Select the picture format
Press the Picture functions button until the line „4:3" or „16:9" is marked in white. You can switch to format 4:3 or 16:9 picture format with the Contrast buttons .

Adjusting the colour

It is best to use peoples' faces as a basis for adjusting the colour.
Adjust the colour intensity with the Colour button .
Colour stronger: Press button
Colour weaker: Press button

Adjusting the colour on the set

Press the function button three times. <Colour> is marked in white on the screen. The colour intensity can be adjusted with the or button as long as <Colour> is displayed on the screen.

Changing the colour tone: (only for NTSCV norm)

The colour tone can only be changed if the NTSC norm is set.
This fucntion can be used to adjust the tinting slightly to red or blue.
Press the Colour functions button until <Tint> is marked in white.
Blue tint with button, red tint with button.

If you want to play a rented cassette with recordings in 16:9 format or 16:9 recordings from a camcorder, set the TV set to this format. Video recorders which emit a switching voltage of approx. 6 volts when playing the 16:9 format switch over to 16:9 automatically. The picture is then reproduced with the correct geometry. However, black bands appear at the top and bottom of the picture.

Daily operation of the set – adjusting the sound/volume/treble-bass

Adjusting the volume:

With the remote control

quieter louder

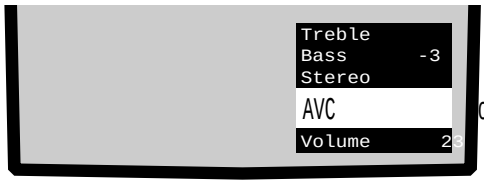
Adjusting the volume on the set

Press once

quieter louder

Switching the automatic volume correction on or off:

Mark the „AVC“ line



AVC on or AVC off

Adjusting bass:

Mark the „Bass“ line

Adjust

Adjusting the sound

All the sound functions can be adjusted with the remote control. Only the volume can be adjusted on the set.

Volume

Adjust the volume, Volume button

Press on the remote control.

Louder: Press button .

Quieter: Press button .

Numeric values are displayed as a guide when adjusting the sound. If no station is being received, the set mutes the sound. You can still set a volume. The sound is then audible at this volume when you receive a station.

Adjusting the volume on the set

Press the function button once.

<Volume> appears in grey on the screen.

You can adjust the volume as long as this is displayed on the screen.

Button louder; button quieter.

Note:

The adjustable volume can be limited to a maximum value. In this way you can prevent children setting the volume too loud, for example. See the chapter „Maximum volume“ on page 29 for more information on this subject.

Switching the automatic volume correction on or off

If, for example, you are receiving TV stations with different norms or satellite stations, variations in the volume may occur when switching from one program to another. With the automatic volume correction <AVC On> you can avoid these volume variations.

Press the Sound functions button until <AVC on> is marked white. Switch to <AVC on> or <AVC off> with the buttons.

The setting AVC on or AVC off is also retained when the set is switched off with the power On/Off switch.

Adjusting the bass

Press the Sound functions button several times until <Bass> is marked in white. You can adjust the bass with the buttons as long as this is displayed on the screen.

Adjusting treble:

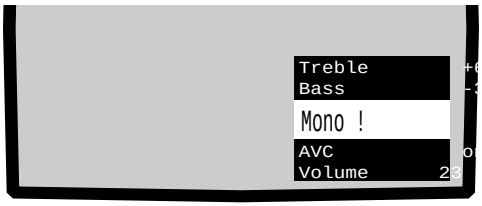
Mark the „Treble“ line

Adjust

Switching from stereo to mono:

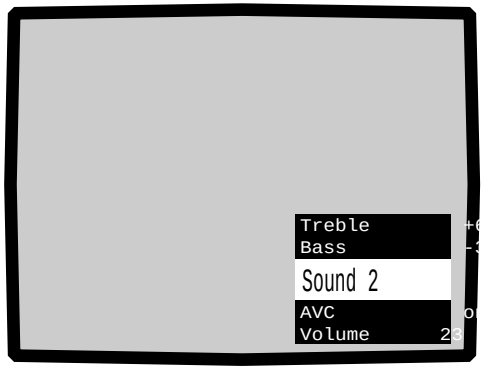
Select „Stereo“ line

Adjust „Mono !“



Two sound broadcast, Sound 1 or Sound 2

Adjust „Sound 2“



Adjusting the treble

Press the Sound functions button ◁) several times to mark <Treble>. Increase or reduce the treble with the − ⊖ + buttons.

Switching from stereo to mono

The set switches automatically to stereo when it receives a station with stereo sound. However, if you still want to listen to the sound in mono: Press the Sound functions button ◁) until <Stereo> is marked. You can switch to <Mono!> with the − ⊖ + buttons.

Two sound broadcast

If you switch to a program with two-sound transmission, <2 Sound> is displayed in addition to the program name. You can choose between the main language Sound 1 and the foreign language Sound 2. Select <Sound 1> by pressing the Sound functions button ◁) several times, switch over to <Sound 2> with the ⊖ + or − ⊖ buttons.

„Nicam“ sound norm

The TV set must be equipped with a Nicam decoder in order to receive the Nicam sound norm.
Stations with the „Nicam“ sound norm can be received in England, Belgium, Spain, Sweden and France. The set switches automatically to the Nicam norm for Nicam sound broadcasts.

If the station broadcasts stereo sound, the display <Stereo> appears, for two-sound broadcasts <Sound 1> and for mono broadcasts <Nicam>.

If you want to listen to a stereo broadcast in mono, e.g. because there is some interference, switch the sound function from <Stereo> to <Mono!>.

1. Press the Sound functions button ◁) until <Stereo> is marked in white.
2. Press the buttons − ⊖ or ⊖ + briefly, display <Mono!>. This adjustment is retained until you switch back over to <Stereo>.

If you want to know whether the station is broadcasting in Stereo, Mono or 2 Sound, press the TV button briefly. Stereo, Nicam or 2 Sound appears on the screen next to the program name. For 2 Sound broadcasts you can mark the <Sound1> or <Sound2> line by pressing the ◁) button and select the desired sound with the − ⊖ or ⊖ + buttons. The displayed sound functions disappear again automatically after a few seconds or press the TV button again.

Daily operation of the set – switching off sound / headphones

Switching off the loudspeaker sound:

Switching sound back on:

or

Switching sound off, on

The loudspeaker sound is switched off and <Mute> displayed in red for a few seconds on pressing the Mute button . Press the button again to switch the sound back on.
The sound can also be switched back on with the Picture/sound normal button .

Adjusting the headphones volume:

quieter louder

Listening with headphones

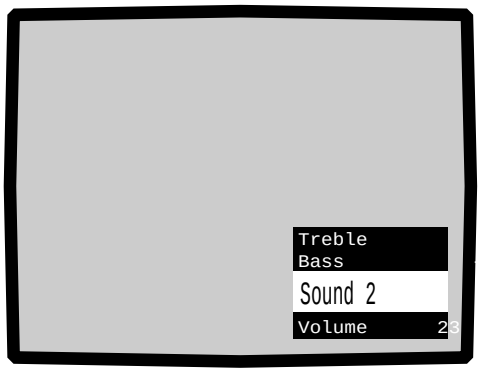
The headphones jack is designed for 6.3 mm stereo jack plugs and is on the set's local control panel. Use headphones with an impedance of 32 ohms or higher. You can adjust the headphones volume independently of the loudspeaker volume.

The loudspeaker sound is switched off as soon as the headphones are connected to the headphones socket.

Adjusting the volume

Then set the volume with the volume buttons .

Selecting Sound 1 or Sound 2



or Select sound

Selecting Sound 1 or Sound 2

The sound channel can be selected for 2-sound broadcasts.
Sound 1 = main sound
Sound 2 = foreign language

1. Press the Sound functions button until Sound 1 or Sound 2 is marked white.
2. Switch over the sound channel with the or button.

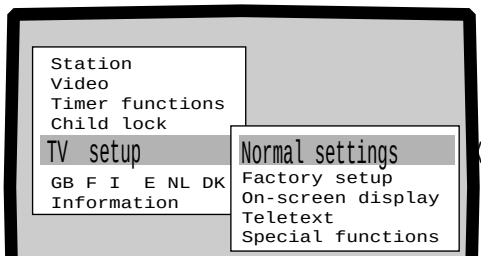
TV setup - picture/sound – normal picture and sound/factory setup

Storing normal setup values for picture and sound:

MEN Call the menu

Select "TV setup"

Select "Normal settings"



X Store

Normal values

Normal values for picture and sound

You can set the values for contrast, brightness, colour intensity, volume, treble and bass to meet your own requirements and store them as your own personal „Setup values“. Adjust the picture and sound first. Then store the set values with the „TV setup“ menu.

1. Call the menu by pressing MEN.
2. Select the „TV setup“ line with the blue button ▼.
3. The „Normal settings“ line must be marked in yellow, mark with the yellow △ button if necessary.
4. Press the X button to store.

Your setup values for picture and sound are now stored and remain your personal „normal values“ until you store different values with this menu.

The „Normal values“ are retained even when the set is switched off at the on/off switch. The „normal values“ are called automatically when the set is switched back on.

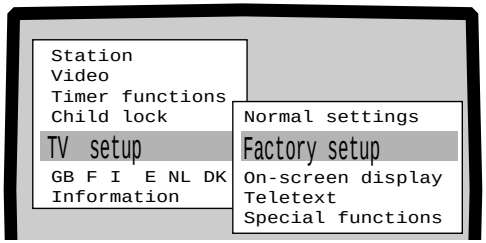
You can call „your normal values“ again and again with the Picture/sound normal button ⇥←.

Picture/sound factory setup

MEN Call the menu

Select the "TV setup" line

Select „Factory setup“



X Call factory setup

Select "Normal settings"

X Store as normal setting

Picture/sound factory setup

The factory setting gives you a suggestion for the optimum settings of picture and sound. You can adopt the factory setting as the normal TV setup.

Call factory setup:

1. Call the menu by pressing the MEN button.
2. Select the „TV setup“ line with the blue button ▼.
3. Select the „Factory setup“ line with the yellow button ▽.
4. Call factory setup, press the X button.
5. Mark the „Normal settings“ line with the yellow button △.
6. Store with X as „normal setting“.

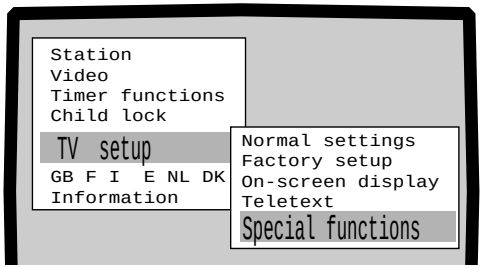
The factory settings are fixed values for a good picture and sound reproduction. The following are set: contrast, brightness, colour, volume, treble and bass.

Maximum volume

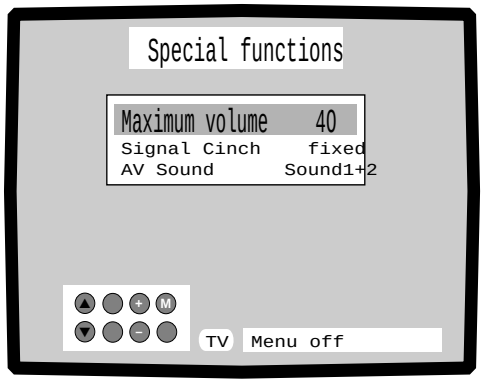
Select menu:

MEN Select „TV setup“

Select „Special functions“



MEN "Maximum volume"



\+ or – Adjust volume

TV End TV setup

It is possible to select the sound for the audio output sockets (cinch) and the EURO-AV socket and to limit the settable volume with the „Settings - Others“ menu.

Setting a maximum volume

The adjustable volume for the loudspeakers can be limited to a preselected value to prevent children turning up the volume too loud for example.

1. Call the menu by pressing the MEN button.
2. Select the „TV setup“ line with the blue button ▼ .
3. Select the „Special functions“ line with the yellow button ▽ .
4. Press the MEN button.
5. If the line „Maximum volume..“ is marked in blue, a louder volume can be set with + and a quieter volume with – . The lowest volume value = 8, the highest volume value = 63.

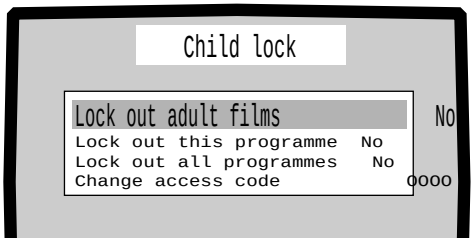
Exit the menu by pressing the TV button, the preset „Maximum volume“ is then saved.

Parental Lock

Set and activate the parental lock

MEN Call the menu

▼ Select „Parental lock“ ⇨ MEN



▼ Select kind of lock

X Switch lock on/off

Enter time, e.g. 22.00 h, for „Lock all programs from“

2 2 0 0

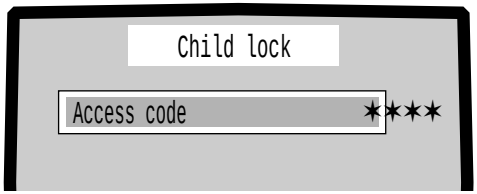
Activate parental lock:

▼ Select „Change secret code“

Enter/change secret code: 1 2 3 4

TV End TV setup

Request the secret code:



Enter the secret code 1 2 3 4

You can lock access to the TV set in different ways:

1.Lock adult films which the station provides with a code.
2 Lock individual programs which you choose yourself.
3.Lock all programs and lock all programs after a certain time.

Set and activate the parental lock

1. Call the menu with the MEN button.
2. Select the „Parental lock“ line with the blue button ▼ .
3. Press the MEN button.
4. Select the type of lock with the blue button ▼ . Switch the lock on (Yes) or off (No) with the X button.

„Lock adult films“

Only those programs are locked which the station broadcasts with an appropriate identification.

„Lock this program“

The program you have just selected is locked. If you want to lock other individual programs, select these with P+ and P– and lock each one with X .

In addition to the possibility of locking all programs, you can set a time from which all programs are to be locked. Set the time.

„Change the secret code“

Secret code 0000 is the basic setting. This means the parental lock is not activated. Enter your own secret code to activate it.

Operation with the parental lock activated

After switching on, on reaching the „Lock time“, on receiving „adult films“ or on selecting a locked program, the picture disappears and the secret code is requested. If you want to carry on watching the TV, enter the secret code. If the secret code is unknown, e.g. to children, the set switches off after 20 seconds.

You can set several locks: e.g. „Adult films“ and „certain programs“ and „all programs from“

If „Access code ✶✶✶✶“ appears, a code number has already been stored, you must enter this first or cancel the secret code.

On the inside back cover of this manual you will find a code number with which you can erase a secret code you have forgotten. Remove the card immediately and keep it in a safe place. This code number resets to 0000.

At present, the identification „Adult film“ (VPS) is only used by a few stations (e.g. RTL). Information on which films are broadcast with a code can be found in the teletext of the appropriate station.

Locked programs are displayed in red in the program table if the parental lock is activated with the secret code.

In „Lock all programs from“, the lock is active until 6.00 h the next morning.

If you want to clear the set locks, enter secret code 0000. Remember your secret code. For safety, you only see four asterisks on the screen instead of the secret code.

If you enter the wrong code, a message is displayed first.

Note: Once the secret code has been entered, it is not asked for again until switching off.

Timer functions

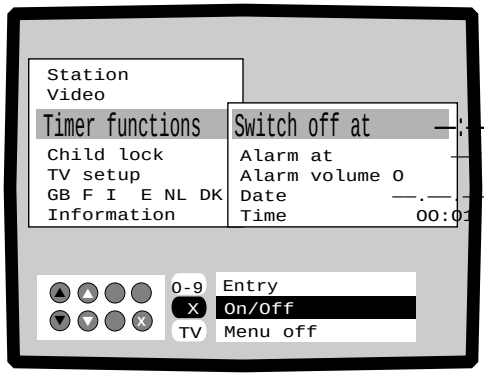
Time:

i On i Off

Setting timer functions:

MEN Call the menu

Select „Timer functions“



Entering date - time:

Select "Date":

0 ... 9 Day,Month,Year

Select "Time"
Enter time

Enter switch off time:

Select "Switch off time"
Enter time

Alarm time - Volume:

or Select "Alarm at"
Enter alarm time

Display - clear time display

Time on: Press the (i) Display - clear time display. Time on: Press the (i) button again. If the time is not correct, set the time as described below.

Timer functions

If you want to be reminded of an appointment at a certain time or you want the set to switch itself off at a certain time, you can set this function in the „Timer functions“ menu.

1. Call the menu with the (MEN) button.
2. Select the „Timer functions“ line with the blue button (▼) .
3. Set the date and the time:

If the set has been switched on with the on/off button, the time display begins at zero hours. The time and date will be set automatically if you are reciving a station with TOP teletext such as ARD, ZDF or one of their regional programs. If you are only receiving stations without teletext, you will have to set the time and the date yourself.

Enter the date: Select „Date“ with the yellow button (▽) and enter the day, month and year in two digits with the number buttons.

Enter time: Select „Time“ with the yellow button (▽) and enter the hours and minutes with the number buttons. Senseless entries are not accepted.

Switch off at: The set switches to standby and the red lamp lights up on reaching the set time. Enter the switch off time, select the „Switch off at“ line, enter the hours and minutes with the number buttons.

Alarm time - volume

If these functions are activated, the time appears on the screen and a continuous alarm tone is emitted at the set time if the set is switched on.

To ensure that the time and date can be read clearly, we recommend that you store the local main station with teletext at program slot 1, 2 or 3.

In stations with a simple teletext system it may be that only the date or the time can be seen. In this case, enter the time or date yourself. Your entries always have priority, i.e. the date and time will not change even if you then switch to a station with teletext and a different time zone.

Take the time zone into account for foreign stations, especially when video recording with the timer!

The programmed functions „Switch off at“, „Alarm at“ and „Alarm signal tone“ are repeated daily. The functions can, however, be deactivated without erasing the programmed times.

Select the „Switch off at“ or „Alarm at“ line, deactivate the function by pressing (X) , this is displayed by - - : - -.

Switch the function back on: Select the appropriate function and call with (X) .

Volume - alarm signal tone:

▼ Select „Alarm volume“

+ – Adjust alarm volume

TV Setting end

Volume - alarm signal tone

If this function is activated, you will be reminded of „your“ appointment by a continuous alarm signal in addition to the time being displayed.

Adjusting the volume:

Select „Alarm volume“ with the yellow button (X).

Adjust the volume of the alarm signal with the (+) or (–) button.

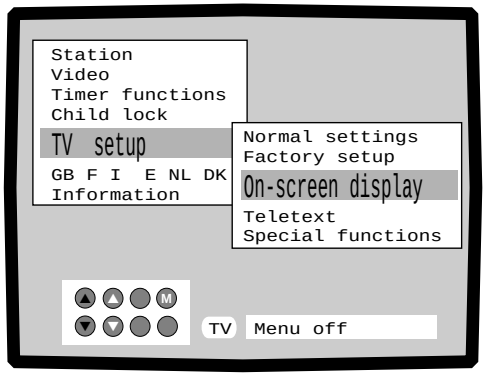
End Setup: Press the (TV) button.

If you do not want an alarm signal to remind you of your appointment, set the volume to 0.

Switching on-screen display on or off:

MEN Call the menu

▼ Select „TV setup“



▼ Select „On-screen display“ ⇨ MEN

Set display time:

+ or – 1 to 10 seconds

Sound info on - off:

X

Position of on-screen displays bottom or top:

X Select ⇨ TV End

Setting on-screen displays

You can make the following settings with the „TV setup - On-screen displays“ menu:

- Determine the duration of the on-screen displays, 1 to 10 seconds.
- Switch the display of all picture and sound functions on or off.
- Switch the information on the station, e.g. stereo, mono, 2-sound or Nicam on or off.
- Select the position of the on-screen displays, bottom or top.

1. Call the menu by pressing the (MEN) button.
2. Select the „TV setup“ line.
3. Select the „On-screen display“ line.
4. Press the (MEN) button.

Display time: Select the „Display time“ line, a time between 1 and 10 seconds can be set with the (+) or (–) button.

Switching picture/sound on and off:

Select the „Picture/sound“ line.

Switch the display of the sound or picture functions off or on with the (X) button.

Switching Sound info on-off:

Select the „Sound info“ line. Switch sound info on or off with the (X) button.

Position bottom - top:

Select the „Position“ line. Determine whether you want the on-screen displays to appear at the bottom or top of the screen with the (X) button. End setup by pressing the (TV) button.

If you adjust the volume or contrast, for example, with „Picture/sound off“, there will be no on-screen display of which function is being adjusted.

With „Sound info off“ you will not get any automatic displays of whether the station is broadcasting in Stereo, Mono or 2 Sound.

Display TV guide:

Displaying Subtitles:

TV guide

If the set station broadcasts TOP teletext, e.g. ARD or ZDF, or there is a program preview on a teletext page which you can set (page 301 is preset) for teletext without TOP, you can ask for the title and starting time of the TV broadcast to be displayed. The current time is also displayed.

Display TV guide:
Press the „TV guide“ button briefly.

Calling program information:
If a page number appears in the yellow field, you can obtain further information on the current program by pressing the yellow button .

Program preview
You can call the program preview page by pressing the green button as long as the on-screen display is visible.

Turn to the next preview page:
With the green button „TT: forwards“ you can turn to the next page of the preview, with the red button „TT: backwards“ to the previous page. If the message „Page not available“ appears when turning back, press the red button until a page is finally found.

Back to the TV program:
Press the „TV guide“ or TV briefly.

If a station does not broadcast teletext, the message <No information available> appears. <Searching for program info> is displayed if you call „TV guide“ shortly after changing programs.

Once you can see the preview pages, you are already directly in teletext mode and can call other information as well (see the next chapter).

Displaying Subtitles

A large number of stations broadcast programs with teletext subtitles for the deaf and partially deaf. Foreign language programs may also be broadcast with teletext subtitles.

Call subtitles:
Press the button.

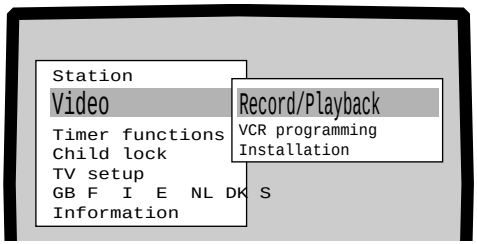
Clear subtitles:
Press the button again.

The subtitles are only displayed in the case of TOP teletext or teletext with subtitles on page 150. If the subtitles are on another page, switch on the teletext with VT and then select the page with the numeric buttons on the remote control.

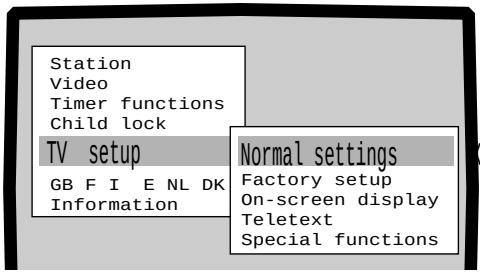
Teletext – program preview settings

Creating program preview page:

MEN Call the menu

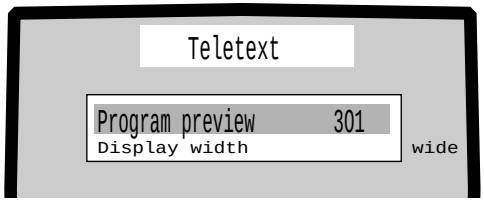


▼ Select „TV setup“



▼ Select „Teletext“ ⇨ MEN

Entering the preview page number:



Enter page number: e.g. 401

Deleting the preview page: −

Setting teletext page wide - small:

▼ Select „Display width“ line

X Select teletext wide or small

VT To teletext

Enter program preview page

If you are receiving TV programs without TOP teletext system in which the program preview begins at a different page to 301, enter the number of the first page of the program preview in the „TV setup-Teletext“ menu.
First select the program in which this setting is to be activated. Programs 1 to 50 are allowed.

Creating program preview page:

1. Call the menu by pressing the MEN button.
2. Select the „TV setup“ line with the blue button ▼.
3. Select the „Teletext“ line with the yellow button ▽.
4. Press the MEN button.

If the „Program preview“ line is marked in blue, you can enter the page number with the number buttons.

Delete page number:
Press the − button.

Where do you get the teletext page number from?
Switch to teletext and have a look at what the teletext has to offer. Look for the program preview. The page number is displayed in the header line of the teletext page. Take the first page which contains a program preview and not a page which merely gives an overview.

After this set up, the title of the current broadcast can be called with the TV guide button and the program preview displayed with the green button for stations without TOP teletext system as well.

Teletext page wide or small?

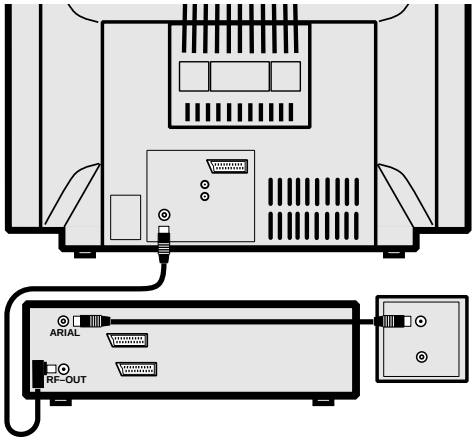
With the „Teletext“ menu, you can determine whether the teletext page is to be displayed wide or small.

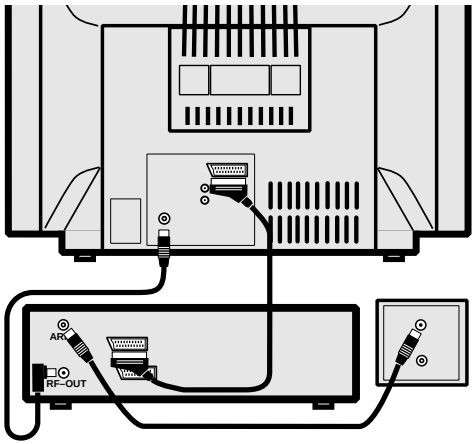
1. Select the teletext line „Display width“.
2. If you set <Display width-wide> with the X button, the text page will fill out the screen in the teletext mode.
   If you select <Display width-small>, the teletext page and the TV picture are displayed in compressed form.

Switch to teletext with VT.

Note:
The „Teletext wide or small“ function can also be selected with the button in teletext mode.

Connecting other equipment – videorecorders/camcorders





Select program slot 00 for AV playback through the antenna socket:

0 0

Connecting video recorders or camcorders

You can connect any video recorder to your TV set. As you can well imagine, Loewe video recorders are particularly well adapted to the TV sets of the same make. This has the advantage that you can control the most important functions of the video recorder with the TV remote control. If your TV set is fitted with a satellite tuner you can record both terrestrial and satellite programs accurately with „Timer recording".

There are two ways to connect your video recorder to the TV set.

1. An antenna - video recorder - TV connection, this allows you to tape a TV program with the video recorder and watch another program on the TV at the same time. The disadvantages of this type of connection are:
   - Poorer picture and sound quality in reproduction.
   - Reproduction in stereo sound not possible.
   - You cannot use the TV timer functions.
2. A connection by means of an AV cable from the video recorder to one of the EURO-AV sockets on the TV set. The advantages of this type of connection are:
   - Better picture and sound quality.
   - Stereo sound reproduction is possible.
   - You can select Sound 1 or Sound 2 when playing back a 2 Sound recording.
   - A concealed Loewe video recorder can be operated with the TV remote control.
   - The possibility of recording programmes with the videorecorder with the timer and the TV set receiver units.
   - The possibility of recording programs with the video recorder with the timer and the receiving points of the TV.

We recommend both types of connection, in this way you can use all the functions of your video recorder and TV set without restrictions.

Video playback through the antenna socket

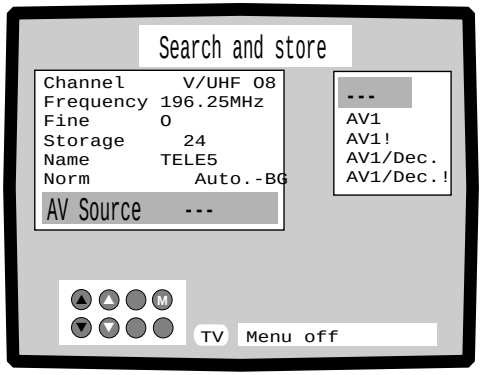
Program slot 00 is preprogrammed specially (short time constant) for good reception of the video recorder channel (CH 36). Select this program slot on the TV set. Most video recorders are set to channel 36 or 37. You can check this by switching on the video recorder's „test signal" or switching the video recorder to play. If you do not get perfect picture and sound reproduction or no reproduction at all, you can set the video recorder's transmitter to another channel. Channels 30 to 39 are normally used. There is an adjustor „RF CHANNEL ADJ" on the back of the video recorder. Set the video recorder's transmitter so that the picture and sound are reproduced perfectly. Of course you can also use the „Station search and store" menu to find and fine tune the video recorder transmitter.

Select program slot for AV playback through the EURO-AV socket:

MEN → ▲ Select „Station“

▼ Select „Search and store“ line

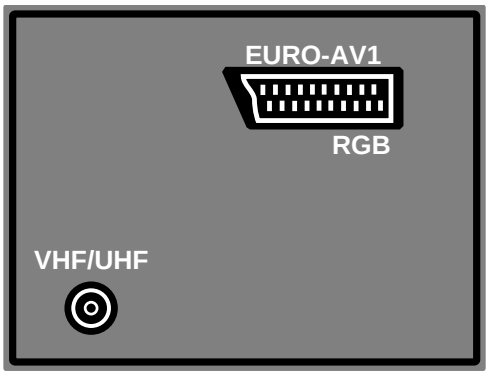
MEN → ▼ Select „AV source“



▼ or ▲ Select AV-device (signal type) e.g. AV 1/Dec

▲ Select "Storage“ line → X

TV End setup



Audio/video playback through the EURO-AV sockets

Use a commercially available AV cable to connect your TV and video recorder. You can play the video recorder or record a TV program through the EURO-AV socket. You can basically use any program place for audio/video reproduction.
You can use any program slot for audio/video playback.
For example connect the video recorder to the EURO-AV 1 socket.

Preparing the EURO-AV socket for AV-mode

1. Select the program slot at which you want to set the AV function.
2. Call the „Station“ menu with the MEN button. The „Station“ line must be marked in blue ▲ if necessary.
3. Select the „Search and store“ line with the yellow button ▽.
4. Press the MEN button briefly.
5. Select the „AV source ---“ line with the blue button ▼.
6. Select the AV-device (signal type) with the yellow button ▽ or △, e.g. AV1/Dec (Decoder).
7. Select the line „Store“ with ▲ or MEN.
8. Store with X button.
9. End setup by pressing the TV button.

For setup:

- „AV1“, AV-playback through EURO-AV socket 1 possible for units which emit a switching voltage, e.g. video recorders.
- „AV1!“ AV playback possible through socket 1 without switching voltage e.g. camcorders.
- „AV1/Dec.“ AV playback with connection of an SVHS recorder with connected Pay TV decoder with switching voltage.
- „AV1/Dec.!“ AV reproduction on connecting a Pay TV decoder without switching voltage.

Whether the connected video recorder or decoder supplies a switching voltage during playback can be found out from the operating manuals which accompany this equipment.

The exclamation mark indicates that this program place cannot be used for TV but only for AV, i.e. as a monitor.

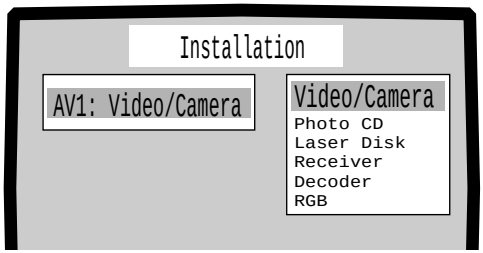
The video recorder outputs a switching voltage if it is switched to playback. You can now watch your recordings instead of the TV.

Connecting other equipment – selecting video equipment

Selecting the video equipment:
Call the menu:

MEN → Select „Video“

Select „Installation“ → MEN



Select the video equipment

TV End

Which audio/video equipment can you connect to the EURO-AV socket? Call the „Video-Connect“ menu. You will get an overview of the connectable equipment and signal types for the video connection socket (EURO-AV).

1. Press the MEN button.
2. Select the „Video“ line with the blue button ▼.
3. Select „Installation“ with the yellow button ▽.
4. Press the MEN button.
5. Select the video equipment with the yellow buttons ▽ △.
6. Exit the menu by pressing the TV button, the settings are then stored.

The signals from S-Video equipment, e.g. SVHS video recorders or photo-CD players are recognized automatically and the correct signal type set for the AV connection socket used. If an SVHS video recorder is set to VHS mode, the CVBS signal type is set automatically. When connecting a Photo CD unit simply select the line " Photo CD".

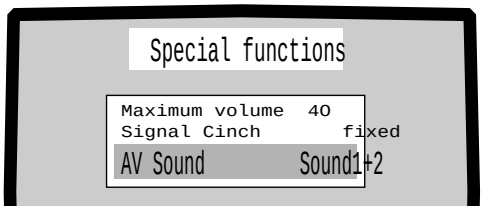
A set with RGB signals, i.e. red, green and blue signals, can be connected to the EURO-AV socket or a Pay-TV decoder, e.g. for Première.

Setting AV sound:

MEN → Select „TV setup“

Select „Special functions“ MEN

Select „AV sound“



\+ or − Setting sound

TV End

Setting AV sound

For two-sound broadcasts you can select sound 1 (main sound) or sound 2 (foreign language) or sound 1+2 and record with a stereo video recorder. For a mono video recorder you only set sound 1 or sound 2; on sound 1+2 both languages would be recorded mixed.

1. Call the „TV setup - Special functions“ menu. Press the MEN button.
2. Select the „TV setup“ line with ▼.
3. Select the „Special functions“ line with ▽.
4. Press the MEN button.
5. Select the „AV sound“ line with ▼.
6. You can set „ Sound 1“, „ Sound 2“ or „Sound 1+2“ for stereo video recorder with the buttons + −.
7. End the input with TV.

Note:
With Sound 1+2 both sounds are transmitted through the EURO-AV socket. If interference occurs during a stereo broadcast, you can switch over to „Mono“ by pressing the „Mute“ button then pressing the „Sound functions“ button until the Stereo line is marked in white. You can switch to Mono with the buttons − + . The Mono signal is then applied at the EURO-AV socket.

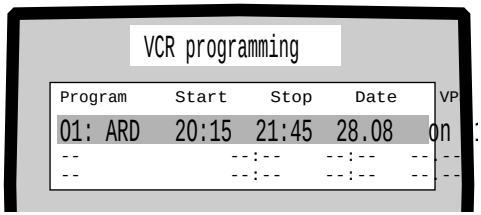
Calling the program preview:

Page rwards ckwards

Select recording time

Transfer recording data to the VCR programming:

MEN



VCR programming

From the program preview pages, you can select the data: program, date, start time and stop time for a certain broadcast and transfer these data into a „VCR programming" table. Three VCR programming tables are available. A Loewe video recorder connected to the EURO-AV socket can then record this broadcast on timer control. In this way you can also record satellite programs comfortably from the satellite receiver unit of the TV with your Loewe video recorder.

Calling the preview page

Press the TV guide button .
The current program preview appears on pressing the green button .
Press the green button again to turn to the next preview page. Turn back with the red button .

Transferring recording data:

1. Select the start time of the broadcast with the blue buttons .
   <record: M>(=MEN)
   appears at the bottom of the picture.
2. As long as this display is visible, you can transfer the data to the VCR programming by pressing the MEN button.
   „VPS On" or „VPS Off" flashes.
3. With the button, select whether you want to record with or without VPS.
   Note: If you have chosen a station without TOP teletext transmission, it may not be possible to read the time or date or both. If you try to transfer timer data in this case, „Timing functions-date or time" appears. Enter the missing data otherwise no accurate timer recording is possible! Please take into account any time differences for foreign stations and correct the start time in the recording timer, for example, if no VPS is broadcast.

Preparing the video recorder for recording

Check that the video recorder is connected to the TV set with an AV cable.

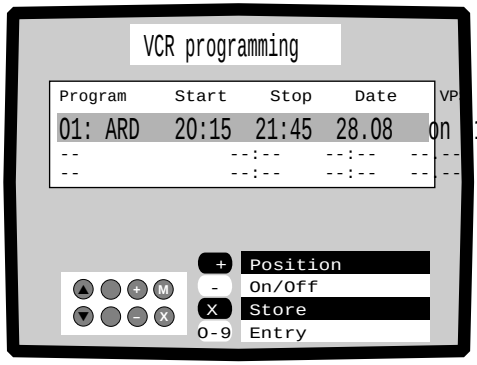
1. Insert a blank tape.
2. Set the video recorder to AV mode (AUX).
3. Set the „Remote" switch on the video recorder to TV so that the recorder can be operated with the TV remote control.
4. Switch the recorder to standby.

Note:

This can only be controlled in a Loewe video recorder which has a „Remote VTR-TV" circuit.

Make sure the timer times do not overlap. You can only make one timer recording at a time, never several simultaneously.

Connecting other equipment - Timer recording



(+) Press

(X) tore timer data

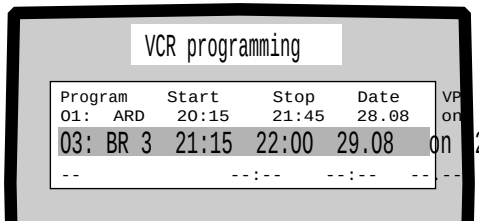
(TV) End

Selecting the VCR programming:

(MEN) ⇨ (▼) Select „Video“

(▼) Select „VCR programming“

(MEN) ⇨ (▼) Select timer



(+) Select input position

Enter data with the number buttons
VPS with button

(–) select

(X) store

4. Press the (+) button, now the program name and number flash. The VCR programming is not stored as long as data are flashing!
5. Store the timer data by pressing the (X) button and select the next timer line with the blue buttons (▼) (▲) or fade out the timer with the (TV) button.

Timer data - change, enter manually or delete

Press the (+) button, the program name and program number start flashing. If you press this button several times you get the start-stop time, date, VPS. You can make your entry at the respective flashing position.
Enter the date, time or program number with the number buttons.
Set VPS to „VPS on“ or „VPS off“ with the (–) button. When you have entered all the desired data, store these by pressing the (X) button. Select the next timer with the blue button (▼) and enter the recording data etc.

<u>Entering timer data manually:</u>
Select the blank timer with the blue arrow buttons. The „Program no.“ position flashes, enter the appropriate program number. When you have entered all the data, store them by pressing the (X) button. Shift the position for input or correction within a timer line with the (+) button.

Attention!

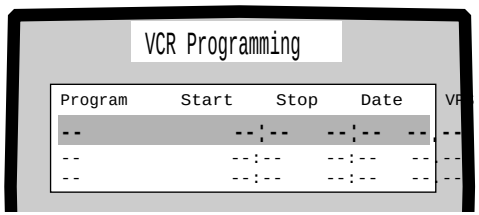
If timer recordings are programmed, the TV set may on no account be switched off at the on/off button (⏻), otherwise the timer data will be lost. If you switch your TV set to standby with the remote control. This is signalled by the red and green lamps on the TV set's local operating panel for VPS search (approx. 1 hour before recording) and during recording.
<u>Note:</u> On „VPS On“, your video recorder will be controlled by the VPS times transmitted by the station. If you set „VPS Off“, the video recorder will record with the data set in your VCR programming.
Make sure you have set the correct date and time on your TV set! You can get the VPS times from the program preview by pressing the (?) button.

Broadcasts with VPS may start earlier or later, the TV set therefore searches for the VPS information before the start time. If you are watching a TV program, the TV set switches over to the program to be recorded about 10 minutes before recording is due to begin. The message „Video recording“ is displayed. It is now no longer possible to switch over to another program unless your TV is fitted with a satellite tuner. For example you can watch a terrestrial program while recording a satellite program.

<u>Programming for recording series</u>:
You enter the program number, start and stop times as usual. In place of the day, enter a number for the day of the week, e.g. (1 = Monday - 7 = Sunday) and always 00 for the month.

<u>Examples:</u>
Daily series = 17.00 or
Sundays only = 77.00 or
Saturdays and Sundays only = 67.00 or
daily Monday to Friday = 15.00.

Connecting other equipment – deleting timer / operating the video recorder



Select timer

Delete timer

Deleting the VCR programming:

1. Select the programming to be deleted with the blue button ▼.
2. Press the + button, the program name and program number flash.
3. Press the − button, the timer data are deleted.

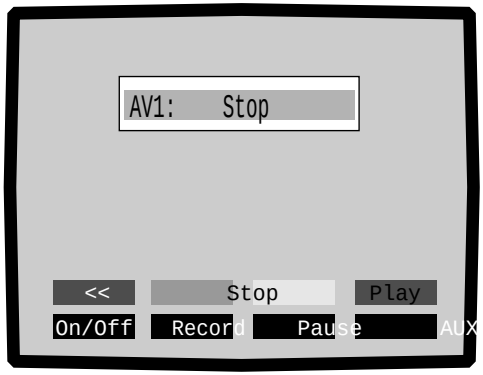
The timer data are deleted automatically if the timer time has already expired.

Operating the video recorder:

Call the menu

MEN Select „Video“

Select „Record / playback“



Control recorder at the EURO-AV socket

Operating the video recorder

The recorder must be connected to the TV sets EURO-AV socket with an AV cable. You can control a Loewe video recorder with the TV remote control with the „Video - record / play“ menu.

1. Call the menu by pressing the MEN button.
2. Select „Video“ with the blue button ▼.
3. The „Record / playback“ line must be marked in yellow, mark it with the yellow button if necessary.
4. Press the MEN button, the menu appears.

Switch the video recorder to play with the yellow button ▣ or to record with the ⇥⇤ button.

Leave the menu by pressing the TV button.

Note:

If you have a Loewe VCR, set the „Remote“ switch, if available, to TV to enable the VCR to be controlled with the TV remote control. Set the video recorder to AV mode (AUX).

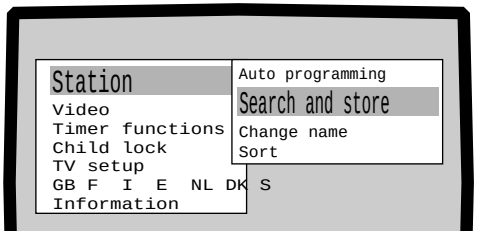
You can now control the video recorder with the coloured buttons and the buttons below them.

Please note: The buttons should only be pressed briefly.

Connecting a Pay-TV decoder

Call the „Station - Search and store“ menu:

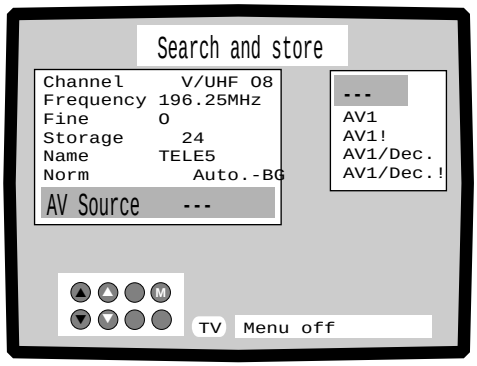
MEN Press briefly



▼ ▲ Select „Station“ line

▼ Select „Search and store“ line

MEN Press



▼ Select „AV source“

▼ or ▲ Select AV1/Dec or AV1/Dec!

MEN To „Store“ ⇨ X

TV End setting

Connecting and setting Pay TV decoder

To set up and connect a Pay-TV decoder, e.g. for Premiere, please see the decoders instructions for use.
Connect the connecting cable (AV/Scart cable) to the EURO-AV socket 1 on the back of the TV set. The Pay-TV decoder can also display the subscription information (RGB signals) through this socket.
Make sure that the decoder is switched on (green pilot lamp on the Premiere decoder) and the decoder key is inserted.

Select the number of the program on the TV set at which the Premiere station is stored. If you can only see a coded picture, proceed as follows.

1. Call the menu by pressing the MEN button.
2. Mark the Station line with the blue button ▲.
3. Select the Search and store line with the yellow button ▽.
4. Press the MEN button.
5. Mark the line AV source —- with the blue button ▼.
6. Select the line „AV1/Dec“ with the yellow buttons ▽ △ if the Premiere decoder applies a 12 V switching voltage to the EURO-AV socket. For a decoder without switching voltage, select „AV1/Dec.!“.
7. Press the MEN key, Store is marked blue.
8. Store the settings by pressing the X button.
9. Clear the menu by pressing the TV button.

To record a Premiere program, connect the video recorder to the 6-pole AV socket of the Premiere decoder.

The settings are now stored for this program place, even when you switch the set off and back on with the on/off switch.

Cleaning

It is best to clean the housing of the TV set and the remote control with a cloth soaked in a little plastic cleaner.
Clean the screen with a window cleaning fluid. Sets with a contrast filter on the inside too from time to time.

Cleaning petrol, furniture polish or cleaners containing abrasives should not be used as these may damage the varnish and printing.

Channel designations and displays with various standards and countries

Per SECAM–D/K (OIRT)

Channel	Input/display		Frequency
RI	01	V/UHF	49,75MHz
RII	02	V/UHF	59,25MHz
RIII	03	V/UHF	77,25MHz
RIV	04	V/UHF	85,25MHz
RV	05	V/UHF	93,25MHz
RVI	06	V/UHF	175,25MHz
RVII	07	V/UHF	183,25MHz
RVIII	08	V/UHF	191,25MHz
RIX	09	V/UHF	199,25MHz
RX	10	V/UHF	207,25MHz
RXI	11	V/UHF	215,25MHz
RXII	12	V/UHF	223,25MHz

France/SECAM–L

Channel	Input/display		Frequency
A	01	V/UHF	47,75MHz
B	02	V/UHF	55,75MHz
C1	03	V/UHF	60,50MHz
C	04	V/UHF	63,75MHz
1	05	V/UHF	176,00MHz
2	06	V/UHF	184,00MHz
3	07	V/UHF	192,00MHz
4	08	V/UHF	200,00MHz
5	09	V/UHF	208,00MHz
6	10	V/UHF	216,00MHz
	11	V/UHF	189,25MHz
E21	21	V/UHF	471,25MHz
.	.	.	.
.	.	.	.
E69	69	V/UHF	855,25MHz

France/Cable TV channels SECAM–L

Channel	Input/display		Frequency
B	01	S-Kan/Can.	116,75MHz
C	02	S-Kan/Can.	128,75MHz
D	03	S-Kan/Can.	140,75MHz
E	04	S-Kan/Can.	152,75MHz
F	05	S-Kan/Can.	164,75MHz
G	06	S-Kan/Can.	176,75MHz
H	07	S-Kan/Can.	188,75MHz
I	08	S-Kan/Can.	200,75MHz
J	09	S-Kan/Can.	212,75MHz
K	10	S-Kan/Can.	224,75MHz
L	11	S-Kan/Can.	236,75MHz
M	12	S-Kan/Can.	248,75MHz
N	13	S-Kan/Can.	260,75MHz
O	14	S-Kan/Can.	272,75MHz
P	15	S-Kan/Can.	284,75MHz
Q	16	S-Kan/Can.	296,75MHz
S21	17	S-Kan/Can.	303,25MHz
S22	18	S-Kan/Can.	311,25MHz
.	.	.	.
.	.	.	.
S41	37	S-Kan/Can.	463,25MHz

Italy

Channel	Input/display		Frequency
A	13	V/UHF	53,75MHz
B	14	V/UHF	62,25MHz
C	15	V/UHF	82,25MHz
D	16	V/UHF	175,25MHz
E	17	V/UHF	183,75MHz
F	18	V/UHF	192,25MHz
G	19	V/UHF	201,25MHz
H	20	V/UHF	210,25MHz
H1	11	V/UHF	217,25MHz
H2	12	V/UHF	224,25MHz

Belgium/Cable TV channels

Channel	Input/display		Frequency
S1	42	S-Kan/Can.	69,25MHz
S2	43	S-Kan/Can.	76,25MHz
S3	44	S-Kan/Can.	83,25MHz
M1	01	S-Kan/Can.	105,25MHz
M2	02	S-Kan/Can.	112,25MHz
.	.	.	.
M10	10	S-Kan/Can.	168,25MHz
U1	11	S-Kan/Can.	231,25MHz
U2	12	S-Kan/Can.	238,25MHz
.	.	.	.
.	.	.	.
U10	20	S-Kan/Can.	294,25MHz

SECAM–L: Special cable TV channels

Channel	Input/display		Frequency
–	38	S-Kan/Can.	120,00MHz
–	39	S-Kan/Can	128,00MHz
–	40	S-Kan/Can	136,00MHz
–	41	S-Kan/Can	144,00MHz
–	.	.	.
–	.	.	.
–	59	S-Kan/Can	288,00MHz
–	60	S-Kan/Can	296,00MHz

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Subject to modifications!

You can erase the secret code and unlock the parental lock with this number. Please cut out and keep in a safe place!

3001

CT1163 Artikel Nr. 57409.70
CT1170 Artikel Nr. 57410.70

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